

Project Proposal

Proposal Title: Widemouth Canyon Chaining Phase I

Proposal Number: 1453

DWR Region: Southern Region

Lead Agency: DWR

County: Millard

Project Manager: Kendall Bagley

PM Phone: 4358656113

Regional Priority: Within Focus Area

Project Type: Terrestrial Habitat

Proposed Start Date: 8/1/2009

Project Location: Project would take place southwest of Kanosh on private property owned by Missouri Flat LLC near Widemouth Canyon.

Project Description: 2-way chaining of mature PJ stand with aerial seed application between passes.

Description of Problem/Need:	<p>Pinyon and Juniper invasion into crucial deer winter range, with little to no understory in some areas. This project will reduce the pinyon-juniper stand allowing for increased grass, forb and browse species that will benefit wintering deer and elk, while also improving the range conditions and allowing increased cattle forage in the future. The project area consists of nearly 420 acres of big game winter range along the western edge of the Fishlake National Forest (Fillmore Ranger District) boundary, just south of Kanosh in Millard County near Widemouth Canyon. This project is being proposed for fall of 2009 which will follow the work being started in fall of 2008 on adjacent Forest Service lands through the efforts of a skid-steer bull-hog project.</p>
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Objectives: Increase habitat quality and quantity for wintering big game and livestock by increasing available winter browse species, and increasing grass and forbs through removal of Pinyon/Juniper cover. Supplemental seeding will speed vegetative response and help protect against exotic/invasive plants. Increasing forage for wildlife and livestock on this Cooperative Wildlife Management Unit (CWMU) is the main objective.

Relevance to Strategic Plans:	Project targets mule deer, a Tier III species in the WAP as well seeking to restore shrubsteppe habitat, one of the key habitat types identified in the WAP.
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Potential Risks: Some displacement of small mammals and birds, deer usage protected through leaving travel corridors and thermal cover in strategic locations.

Proposed Methods: This project will consist of using two (2) D-8 cats to pull and Ely anchor chain on the first pass, with the second pass pulling a smooth anchor chain. In between chaining the project will be aerial seeded with a mixture of grasses and forbs. We would also like to use a dribbler attached to each D-8 cat to allow the planting of browse species. Travel corridors will be kept intact allowing for thermal and escape cover for wildlife in the area. Culture Resource issues will need to be addressed on this project this maybe worked as a joint effort through the UDWR and NRCS personnel.

Shapefile Name: S:/DWR/HPD-2010/GIS Shape Files/1453.shp

Seed Source: GBRC

UPCD Reg Team Coord Date:

**Proposed
NEPA Action:**

Proposed Arch Action:

☐ Vegetation Monitoring ☒ Wildlife Monitoring

Monitoring Information: Monitoring plans will consist of UDWR bi-annual deer classification to monitor production and subsequent survival on area deer and elk herds, along with the rotational system of livestock grazing through the White Sage Ranching operations.

Grazing Management: Project area will be rested from grazing for 2 growing seasons and then be placed on a rotational grazing system.

SPECIES BENEFITING

Mule Deer Elk

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LAND OWNERSHIP

Owner	Acres
Private	420
Total	420

PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
Unfunded Balance	\$50,400.00		\$0.00
Private	\$25,200.00		\$25,200.00
Totals	\$75,600.00		\$25,200.00

PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Seed (GBRC)	Seed for 420 acres @ \$60/acre	\$25,200.00	\$0.00
Seed (GBRC)	Dribbler Mix for 420 acres @ \$15/acre	\$6,300.00	\$0.00
Contractual Services	Aerial Seeding 420 acres @ \$13/acre	\$5,460.00	\$0.00
Archaeological Survey	420 acres @ \$32/acre	\$13,440.00	\$0.00
Equipment Rental	Landowner provided D8 Cats and fuel @ \$60/acre	\$0.00	\$25,200.00
	Totals	\$50,400.00	\$25,200.00

Project Map:

